baracoda™

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THE MOST INNOVATIVE WIRELESS BARCODE SCANNERS

Data Capture

for Workforce

in Motion

Baracoda's figures

- 20 product references
- 30 Master Distributors (Distributors + VAD)
- 600 partners worldwide
- Over 150,000 Baracoda solutions users

Continuous Innovation

- 15% of turnover invested in Research & Development
- 5 international patents filed

baracoda™
Traceability

Technology and innovation

DEDICATED TO INDUSTRIAL PRODUCTIVITY AND SUCCESS

Since 2001 Baracoda has designed, developed and manufactured automatic data capture solutions for mobility professional markets.

Investing mainly in Research & Development, Baracoda now offers the widest range of Bluetooth barcode and RFID readers dedicated to mobile and logistics markets.

Bluetooth,

You said Bluetooth ?

Contrary to common belief, Bluetooth is the only standard that eliminates interference issues between technologies that may coexist in warehouses or industrial environments.

Bluetooth technology is the core expertise of Baracoda and today it is an essential component of mobility: secure data transmission, reliability and robustness in difficult environments... all with the elimination of wires and connectors. Because they have been developed with Bluetooth technology, Baracoda barcode and RFID readers, as well as connectivity solutions, provide simplicity and comfort of use, optimal performance and maximum efficiency.

Easy to use, and dedicated to the mobile workforce

Our goal is to make the complex and powerful communication protocol intuitive and transparent for the user out in the field.

Whether you are a new customer or an experienced user, Baracoda dedicates its know-how to your productivity.

OUR VISION OF MOBILITY

Evolution and Flexibility for your Mobile Workforce

Baracoda focuses its efforts on the supply of a complete range of Bluetooth barcode scanners to mobile workers:

- adding easy data capture functionality on a large variety of mobile terminals: mobile phones, PDAs, Smartphones, BlackBerry devices, laptops, PCs and more

- providing peripherals designed to answer the specific requirements of mobility applications

Equip your workforce with small and lightweight products customized for your specific needs and applications and compatible with the majority of mobile platforms: Windows, Windows Mobile, CE.Net, Symbian, etc. Reap the benefits of efficient energy consumption and maximized productivity.

MOBILITY PRODUCTS

SPECIFICATIONS

PENCIL 2

Sales Force Automation – Light Field Services Applications

- Contact scanner
- Compact and easy to handle
- Very light: Only 42 g (1.5 oz.)
- Can be used as a stylus on tactile screens
- Bluetooth Class 2

CONTACT

D-FLY

Sales Force Automation – Field Services – Merchandising

- Ergonomic, light and mobile: 52 g (1.8 oz)
- Perfectly adapted to narrow spaces
- Ideal to read barcodes close to each other
- Can be used as a stylus on tactile screens
- Bluetooth Class 2

CMOS

ROADRUNNERS

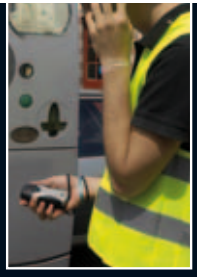
Field Services – Pick-up and Delivery – Merchandising – Asset Management

- Superior reading quality. Very efficient with small barcodes, even damaged barcodes
- Very large battery autonomy: Over 30,000 scans
- Withstands several drops onto concrete up to 2 meters (6.5 feet) thanks to its protective boot
- Provided with a stylus for tactile screens
- Bluetooth Class 1

IMAGER

CMOS

LASER



OUR VISION OF LOGISTICS

An Efficient Alternative to “All-in-One” Terminals

To answer your mobility requirements in warehouses and logistics environments, Baracoda offers a wide range of easy-to-use and long distance barcode scanners. Baracoda products offer optimum reading quality and easily connect to existing systems without the need for software integration.

Rather than “all-in-one” terminals that are often bulky and cumbersome, Baracoda scanners combine easy-to-use, lightweight, damage-resistant products with unquestionable reliability and reading precision.

As an accessory added to a traditional terminal or as a total hands-free scanner, our readers offer true flexibility and guaranteed data transmission. Baracoda’s robust scanners are ideally adapted to demanding environments and operators.

Time saved, optimized processes and productivity guaranteed !

LOGISTICS PRODUCTS SPECIFICATIONS

RoadRunners

Data Capture in Warehouse – Parcel Management – Work-in-Progress

- Superior reading quality: Up to 200 scans per second
- High battery autonomy
- Timestamp: An ideal solution for time management/proof of delivery applications
- Internal memory available for “batch mode”
- Bluetooth Class 1

LASER CMOS IMAGER

ScanWear

Sorting & Dispatch – Picking –Voice Applications

- Keeps your hands free
- IP54/Withstands several drops onto concrete
- 3 modes according to your process requirements
- 2 versions available: Laser and CMOS
- Bluetooth Class 1

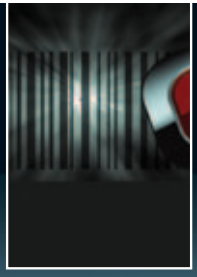
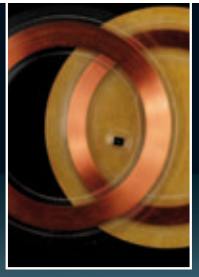
CMOS LASER

ToughRunners

Goods in/Goods out – Extreme Conditions – Inventory Management

- Torch shaped scanner designed for accurate barcode aiming
- IP54 and IP65 (Xtreme version) / Withstands several drops onto concrete
- Large battery autonomy
- 6 versions available: CMOS, CMOS Xtreme, Laser, Laser Xtreme, Laser Long Distance and Laser Long Distance Xtreme
- Bluetooth Class 1

CMOS LONGUE DISTANCE LASER LASER

RFID Technology at Baracoda

Readers - Writers

Identify an item, follow its journey,access its features and update it at a distance thanks to a sticker (TAG): it is now possible thanks to RFID Technology (Radio Frequency IDentification)

RFID Assets ?

Baracoda offers RFID HF 13.56 MHz readers that enable to read the TAG ID and its content.

Compact and lightweight, Baracoda readers/writers perfectly meet wireless data capture requirements in closed circuit: traceability in medical environment, pharmacy applications, sensitive product tracking, ...

What assets?

A transparent technology: the tag can always be read, whether it is visible or integrated to a product

A smart technology: Baracoda scanners can read and write into the RFID TAG memory

A secure technology: the TAG remains unique thanks to its serial number

RFID PRODUCTS SPECIFICATIONS

TagRunners

Traceability in medical environment - Asset management: barrels, tanks, plants, outdoor facilities, ...

- RFID HF 13.56 MHz technology
- Contact reading of TAG ID and its content
- Various protocols supported : ISO/IEC 14443-A - ISO/IEC 14443-B ISO/IEC 15693 - NXP ICODE-1
- Read / Write function
- Timestamp
- Batch mode available
- To be connected on a wide range of mobile terminals : PDA, Mobile phones, Rugged PDA, Pocket PC, Smartphones
- Bluetooth Class 1 (up to 100 m)

DualRunners

Field services - Parcel delivery - Asset management - Merchandising

- RFID HF 13.56 MHz technology
- "2-in-1" barcode and RFID reader that combine assets of both RoadRunners and TagRunners
- Huge battery autonomy
- Timestamp : ideal for proof of visit or time management
- Withstand multiple drops onto concrete thanks to their protective boots
- Compatible with a wide range of Bluetooth terminals
- To be connected on a wide range of mobile terminals : PDA, Mobile phones, Rugged PDA, Pocket PC, Smartphones
- Bluetooth Class 1 (up to 100 m)

CONNECTIVITY SOLUTIONS

5 KEYS FOR AN EASY INTEGRATION

Baracoda offers you 5 solutions to connect our scanners to any application or platform in a few seconds only

Just chose the best solution adapted to your requirements !

1 – PLUG & SCAN SOLUTION

INSTANT CONNECTIVITY WITHOUT SOFTWARE INTEGRATION

Free yourself from software integration thanks to this solution available
under USB dongle and RS232 serial port:

- Intuitive and easy-to-install : data directly arrive in your application as if typed on a keyboard
- Point to point connection
- Data capture and transmission in real time
- Bluetooth Class 1 : radio coverage up to 100 m

Plug the dongle – Scan the connection barcode: You are connected, ready to work !

2 – CONNECT&SCAN SOLUTION

INSTANT CONNECTIVITY - NO SOFTWARE INTEGRATION

Solution available for Windows Mobile terminals and BlackBerry Smarphones
A very innovative solution, quick-to-install and and easy-to-use

Switch on your Baracoda barcode reader
Switch on your mobile terminal and start Connect&Scan
Scan the barcode that automatically appears on the screen
You are ready to work !

3 – KEMUL

KEYBOARD EMULATION SOLUTION

This solution is dedicated to every terminal running under Bluetooth stack other than Microsoft / Widcomm / Broadcom
Scanned data are automatically transmitted as if they were typed on a keyboard

4 – BARACODAMANAGER

FOR EVERYDAY USE OF BARACODA READERS

This intuitive middleware enables you to easily manage Baracoda readers, and especially to:

- Manage Bluetooth connections between a host and Baracoda scanners
- Set up and test Baracoda scanners (up to 7 connected scanners at the same time)
- To connect Baracoda scanners to your application program

5 – SDK

FREE DOWNLOAD AT WWW.BARACODA.COM

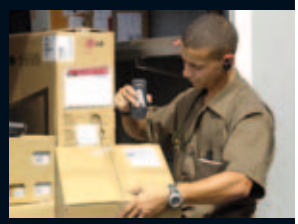
These librairies are available at no cost for developers. Baracoda Bluetooth SDK are interesting for every developer of mobile applications who does not want to deal with Bluetooth protocol complexity and needs easy instruments to communicate wirelessly from their applications with a Bluetooth barcode scanner.

Focus

How to optimize your rounds thanks to signature and picture capture

BaracodaManager : the multi-function middleware

More than a connectivity software, BaracodaManager enables a complete management of the scanner settings as well as data capture treatment (timestamp, prefixes/suffixes, reading modes, ...)



Thanks to a simple firmware upgrade you can add the signature and picture capture function to the 2D barcode readers RoadRunners and DualRunners

Signature Capture

Baracoda provides a specific 2D barcode to be placed on the document on the signature position. In BaracodaManager, define the size of the space dedicated to the signature thus the scanner can take the signature picture and compensate the angle issues.

Picture Capture

Scan the dedicated barcode or program a specific command via Bluetooth. The scanner knows that next button pressure will be a picture reading

Press the scanner trigger to capture a picture as if you took a photo. Then a black and white picture appears on the screen of your terminal (format JPG 640 x 480)

MOBILITY

LOGISTICS

RFID

PRODUCTS		SPECIFICATIONS	ACCESSORIES
Pencil 2		• Contact Reader • Can be used on touch screens • Weight : 42 g • Bluetooth Class 2	• Protective boot • Car Chargeur • Neck Lanyard
D-Fly		• Designed for mobile workforce • Can be used on touch screens • Weight : 52 g • Bluetooth Class 2	• Key retractable reel • Car Chargeur • Neck Lanyard
RoadRunners 1D/2D		• Compact and lightweight • Huge battery autonomy • Weight : 140 g • 3 versions available : CMOS, IMAGER, LASER • Bluetooth Class 1	• Protective boot • Car Chargeur • Neck Lanyard • Key retractable reel • Holster • Charging cradle
RoadRunners Laser		• Compact and lightweight • Huge battery autonomy • Weight : 140 g • Laser Technology • Bluetooth Class 1	• Protective boot • Car Chargeur • Neck Lanyard • Key retractable reel • Holster • Charging cradle
ToughRunners		• Dedicated to industrial and logistics environments • IP54 and IP65 (Xtreme version) • 6 versions available : CMOS, Laser, Laser Long Range, CMOS Xtreme, Laser Xtreme, Laser Long Range Xtreme • Bluetooth Class 1	• Charger
ScanWear		• Keeps hands free • IP54 • 2 versions available : CMOS and LASER • Bluetooth Class 1	• Wrist strap • Charging cradle
TagRunners		• RFID 13.56 MHz Reader/Writer • Contact reader • Batch mode available • Bluetooth Class 1	• Protective boot • Car Chargeur • Neck Lanyard • Key retractable reel • Holster • Charging cradle
DualRunners		• 2-in-1 reader • Huge battery autonomy • Weight : 140 g • 3 versions available : CMOS+RFID, IMAGER+RFID, LASER+RFID • Bluetooth Class 1	• Protective boot • Car Chargeur • Neck Lanyard • Key retractable reel • Holster • Charging cradle

PROTECTIVE BOOT	CAR CHARGER	KEY RETRACTABLE REEL	NECK LANYARD	PROTECTIVE BOOT	CHARGING CRADLE (1 SCANNER)	CHARGING CRADLE (4 SCANNERS)	CHARGER	WRIST STRAP	CHARGING CRADLE
X	X		X						
	X	X	X						
	X	X	X	X	X	X			
	X	X	X	X	X	X			
							X		
								X	X
	X	X	X	X	X	X			
	X	X	X	X	X	X			

You have got needs?
We have got solutions!

Equip your field force out in the field?

- Real time task management
- Reduction of operational costs
- Time saving and productivity increase thanks to quality control precision

Ensure parcel delivery traceability?

- Minimization of delivery error risks
- Control of the complete activity report sending
- Ensured traceability for loss of parcels
- Size and weight reduction of traceability material for the drivers

Optimize your medical material tracking?

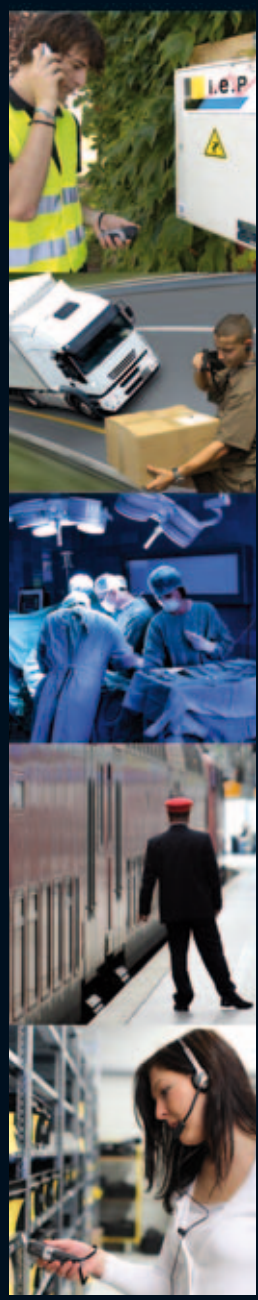
- Reduction of administrative costs thanks to the elimination of manual management of the material identification
- Transparency and permanent access to the information related to the material tracking
- Identification of the cleaning processes to minimize infection risks of the material

Automate the travelers control ?

- Automation and time saving during controls
- Eliminiation of fraud risks
- Paper desertion: tickets are directly controled on passengers mobile phone screens or through RFID cards
- Deployment of refundable or exchangeable digital tickets

Automate product management in warehouse?

- Traceability throughout the supply chain
- Process accelaration of parcel assortment
- Flexibility and comfort of use for the operators



THE MOST INNOVATIVE WIRELESS BARCODE SCANNERS

baracoda™

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